

IN THE SPECIFICATION

Insert (before [001] FIELD OF THE INVENTION)

[001] Delete [- according to the introductory Part of claim 1]

Before [002] insert - - BACKGROUND AND SUMMARY OF THE INVENTION --

[010] According to the invention this problem is solved by the features of claim 1. This problem is solved according to the present invention, which relates to a method for the manufacture of piezoelectrical multilayer actors, wherein thin coats of a piezoceramic material, called green leaves, are applied to the at least one internal electrode, are thus stacked one on the other in a block, that the internal electrodes are brought alternately to opposite faces of the actor where they are connected together by an external electrode, the actor green body being sintered and subject to an abrasive shaping and then the ground metallization for the external electrode is applied, characterized in that the areas to be insulated are coated by thick-layer methods with a paste consisting of an inorganic, low-sintering material or material mixture and an organic binder system, and then are subjected to a firing process wherein the layer thickness after sintering is between 1 and 40 μm .

DETAILED DESCRIPTION

The present invention is directed to a method for the manufacture of piezoelectrical multilayer actuators by applying thin coats of a piezoceramic material to at least one internal electrode. The internal electrodes are brought alternately to opposite faces of the actor where they are connected by an external electrode. The actor green body is then sintered and abrasively shaped. The ground metallization for the external electrode is applied. The areas to be insulated are coated by thick-layer methods with a paste made of an inorganic, low-sintering material or material mixture and an organic binder system. This is this sintered to achieve a layer thickness

of between 1 and 40 microns after sintering, preferably between 2 and 20 microns and more
preferably between 4 and 15 microns.

[022] Examples of Preferred Embodiments

Page 5, replace “Claims” with - - It is claimed: - - .